

### United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

## NOTICE OF ALLOWANCE AND FEE(S) DUE

20462

7590

01/15/2003

SMITHKLINE BEECHAM CORPORATION CORPORATE INTELLECTUAL PROPERTY-US, UW2220 P. O. BOX 1539 KING OF PRUSSIA, PA 19406-0939 EXAMINER

LI, BAO Q

ART UNIT CLASS-SUBCLASS

424-192100

1648
DATE MAILED: 01/15/2003

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/581,976	06/20/2000	WILFRIED L J DALEMANS	B45124	6694

TITLE OF INVENTION: VACCINE

1	APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE \
•	nonprovisional	NO	\$1300	\$0	\$1300	04/15/2003

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MATLING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDO. SEE THIS SECURITION PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE FOR AN EXPERTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PROLECT OF AN EQUIVAL AS MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

Applicant claims SMALL ENTITY status.
 See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

### PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Box ISSUE FEE

Commissioner for Patents Washington, D.C. 20231

Fax (703)746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1) 20462 SMITHKLINE BEECHAM CORPORATION CORPORATE INTELLECTUAL PROPERTY-US, UW2220 Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Box Issue Fee address above, or being facsimile transmitted to the USPTO, on the date indicated below. P.O. BOX 1539 **KING OF PRUSSIA, PA 19406-0939** (Depositor's nam (Signature (Date APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO CONFIRMATION NO. B45124 06/20/2000 WILFRIED L J DALEMANS 6694 09/581.976 TITLE OF INVENTION: VACCINE SMALL ENTITY ISSUE FEE PUBLICATION FEE TOTAL FEE(S) DUE DATE DUE APPLN. TYPE \$1300 04/15/2003 nonprovisional \$1300 \$0 ART UNIT CLASS-SUBCLASS **EXAMINER** 424-192100 LI, BAO Q 1648 1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a  $\square$  Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. single firm (having as a member a registered attorney or agent) and the names of up to 2  $\square$  "Ge A Mess" indication (or "Fee Address" Indication form P4 9/8B/47; Rev 03/92 or more recent) attached. Use of a Customer Nomber is required. registered patent attorneys or agosts. If no name is listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) Please check the appropriate assignee category or categories (will not be printed on the patent) ☐ individual ☐ corporation or other private group entity ☐ government 4a. The following fee(s) are enclosed: 4b. Payment of Fee(s): A check in the amount of the fee(s) is enclosed. ☐ Issue Fee ☐ Payment by credit card, Form PTO-2038 is attached. ☐ Publication Fee ☐ The Commissioner is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number \_\_\_\_\_\_(enclose an extra copy of this form). □ Advance Order - # of Copies \_ Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. (Authorized Signature) NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or oth interest as shown by the records of the United States Patent and Trademark Office.

TRANSMIT THIS FORM WITH FEE(S)

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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APPLICATION NO	FILING D	ATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
09/581,976 06/20/2000		WILFRIED L J DALEMANS	B45124	6694		
20462	7590	01/15/2003		EXAMINER		
	SMITHKLINE BEECHAM CORPORATION			LI, BAO Q		
	CORPORATE INTELLECTUAL PROPERTY-US, UW2220 P. O. BOX 1539 KING OF PRUSSIA, PA 19406-0939 UNITED STATES		ART UNIT	PAPER NUMBER		
				1648		
UNITED STA				DATE MAILED: 01/15/2003		

# Determination of Patent Term Extension under 35 U.S.C. 154 (b) (application filed after June 7, 1995 but prior to May 29, 2000)

The patent term extension is 0 days. Any patent to issue from the above identified application will include an indication of the 0 day extension on the front page.

If a continued prosecution application (CPA) was filed in the above-identified application, the filing date that determines patent term extension is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system. (http://pair.uspto.gov)

Any questions regarding the patent term extension or adjustment determination should be directed to the Office of Patent Legal Administration at (703)305-1383.



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09/581,976	06/20/2000	WILFRIED L J DALEMANS	B45124	6694	
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			ART UNIT	PAPER NUMBER	
	IA, PA 19406-0939		1648		
UNITED STATES	5		DATE MAILED: 01/15/2003		

# Notice of Fee Increase on January 1, 2003

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after January 1, 2003, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" since there will be an increase in fees effective on January 1, 2003. See Revision of Patent and Trademark Fees for Fiscal Year 2003; Final Rule, 67 Fed. Reg. 70847, 70849 (November 27, 2002).

The current fee schedule is accessible from: http://www.uspto.gov/main/howtofees.htm.

If the issue fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due," but not the correct amount in view of the fee increase, a "Notice to Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice to Pay Balance of Issue Fee," if the response to the Notice of Allowance and Fee(s) due form is to be filed on or after January 1, 2003 (or mailed with a certificate of mailing on or after January 1, 2003), the issue fee paid should be the fee that is required at the time the fee is paid. If the issue fre was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously paid issue fee should be paid. See Manual of Patent Examining Procedure, Section 1308.01 (Eighth Edition, August 2001).

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.

3. ☐ The drawings filed on are accepted by the Examiner. 4. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received. 2. ☐ Certified copies of the priority documents have been received in Application No 3. ☑ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)). *Certified copies not received: 5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). (a) ☐ The translation of the foreign language provisional application has been received. 6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  8. ☑ CORRECTED DRAWINGS must be submitted. (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached 1) ☑ hereto or 2) ☐ to Paper No (b) ☐ including changes required by the proposed drawing correction filed, which has been approved by the Examiner. (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Official Draftsperson.  Jedentifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.		Application No.	Applicant(s)	
Bao Qun Li   1648   1		09/581.976	DALEMANS ET AL.	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address- All claims being alloweble, PROSECUTION ON THE MERTS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-63) or other appropriate communication will be mailed in due course, THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1. ☑ This communication is responsive to amendment filed on 09/03, 2002. 2. ☑ The allowed claim(s) lafare 1,3-11 and 13-15. 3. ☑ The drawings filed on are accepted by the Examiner. 4. ☑ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some* c) ☐ None of the: 1. ☐ Certified copies of the priority documents have been received in Application No 3. ☑ Copies of the certified copies of the priority documents have been received in Application No 3. ☑ Copies of the certified copies of the priority documents have been received in Application No 5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). (a) ☐ The translation of the foreign hanguage provisional application has been received. 6. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 120 and/or 121.  Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONNENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached Examiner's Amendment Period is deficient.  8. ☑ CORRECTED DRAWINGS must be submitted.  (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) ☑ hereto or 2) ☐ to Paper No.	Notice of Allowability		<del></del>	
All claims being allowable, PROSECUTION ON THE MERTS IS (OR REMAINS) CLOSED in this application. If not included nerwith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be malled in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.  1.		Bao Qun Li	1648	i
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Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.  7. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.  8. CORRECTED DRAWINGS must be submitted.  (a) including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  1) hereto or 2) to Paper No.  (b) including changes required by the proposed drawing correction filed  (c) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No.  (d) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No.  (e) including changes required by the attached Examiner's Amendment / Comment or in the Official Draftsperson.  1. Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the top margin (not the back) of each sheet. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.  9. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.  Attachment(s)  1 Notice of References Cited (PTO-892)  3 Notice of Draftperson's Patent Drawing Review (PTO-948)  4 Interview Summary (PTO-413), Paper No. 23 \$ 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<ul> <li>2.  ☐ The allowed claim(s) is/are 1,3-11 and 13-15.</li> <li>3. ☐ The drawings filed on are accepted by the Examine</li> <li>4. ☐ Acknowledgment is made of a claim for foreign priority und a) ☐ All b) ☐ Some* c) ☐ None of the:  <ol> <li>Certified copies of the priority documents have</li> <li>Certified copies of the priority documents have</li> <li>Copies of the certified copies of the priority documents have</li> <li>The translation of the foreign language provisional a</li> </ol> </li> </ul>	r. ler 35 U.S.C. § 119(a)-(d) or (f). been received. been received in Application No cuments have been received in this order 35 U.S.C. § 119(e) (to a provis pplication has been received.	national stage applica	tion from the
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached  1) ☐ hereto or 2) ☐ to Paper No	Applicant has THREE MONTHS FROM THE "MAILING DATE" of below. Failure to timely comply will result in ABANDONMENT of to a SUBSTITUTE OATH OR DECLARATION must be subm	this communication to file a reply control this application. THIS THREE-MO	NTH PERIOD IS NOT R'S AMENDMENT or N	EXTENDABLE.
Attachment(s)  □ Notice of References Cited (PTO-892) □ Notice of Draftperson's Patent Drawing Review (PTO-948) □ Information Disclosure Statements (PTO-1449), Paper No  Examiner's Comment Regarding Requirement for Deposit of Biological Material  Attachment(s)  □ Notice of Informal Patent Application (PTO-152)  □ Notice of Informal Patent Application (P	1) A hereto or 2) to Paper No  (b) including changes required by the proposed drawing of the including changes required by the attached Examiner'  Identifying indicia such as the application number (see 37 CFR 1.	correction filed, which has be s Amendment / Comment or in the 84(c)) should be written on the drawi	een approved by the E Office action of Paper	No not the back)
1 □ Notice of References Cited (PTO-892) 3 ☑ Notice of Draftperson's Patent Drawing Review (PTO-948) 5 □ Information Disclosure Statements (PTO-1449), Paper No 7 □ Examiner's Comment Regarding Requirement for Deposit of Biological Material  2 □ Notice of Informal Patent Application (PTO-152) 4 ☑ Interview Summary (PTO-413), Paper No 6 ☑ Examiner's Amendment/Comment 8 ☑ Examiner's Statement of Reasons for Allowance 9 □ Other				Note the
3⊠ Notice of Draftperson's Patent Drawing Review (PTO-948) 5□ Information Disclosure Statements (PTO-1449), Paper No 7□ Examiner's Comment Regarding Requirement for Deposit of Biological Material  4☑ Interview Summary (PTO-413), Paper No  6☑ Examiner's Amendment/Comment 8☑ Examiner's Statement of Reasons for Allowance 9□ Other	Attachment(s)			
Bao Qun Li	<ul> <li>3⊠ Notice of Draftperson's Patent Drawing Review (PTO-948)</li> <li>5□ Information Disclosure Statements (PTO-1449), Paper No</li> <li>7□ Examiner's Comment Regarding Requirement for Deposit</li> </ul>	4⊠ Interview Summ 6⊠ Examiner's Ame 8⊠ Examiner's State	ary (PTO-413), Paper endment/Comment	No. <u>23</u> <b>≰</b> ≥1
	·		Bao Qun Li	

Application/Control Number: 09/581,976

Art Unit: 1648

Page 2

## **EXAMINER'S AMENDMENT**

# **RCE**

The request of RCE was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission, paper No. 16 filed on 09/03/2002 has been entered.

This is a first Office Action Allowance after Applicants filed RCE and authorized the examiner to write an examiner's amendment. The examiner's amendment follows.

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Jason Fedon on Nov. 26, 2002.

The application has been amended as follows:

In the specification, line 29 of page 14 after "H" inserted -- (SEQ ID NO: 28) -- In the specification, line 30 of page 28 after "TT" inserted -- (SEQ ID NO: 24) -- In the specification, line 32 of page 28 after "CAT" inserted -- (SEQ ID NO: 25) -- Claim 1 (Trice amended). In lines 4 and 5 deleted "influenzae" and inserted -- influenza

Claim 8 (Quartic amended). In line 8 after the last "pyrimidine" inserted -- (SEQ ID NO: 27) --

Claim 11 (Twice amended). In line 3 after the late "TT" inserted -- (SEQ ID NO: 24) -- In line 4 after "CAT" inserted -- (SEQ ID NO: 25) -- In line 5 after "ACG" inserted -- (SEQ ID NO: 26) --

Claim 15 (Quartic amended). In lines 4 and 5 deleted "influenzae" and inserted -- influenza --

Claims 1, 3-11 and 13-15 are allowed.

Art Unit: 1648

- 2. The following is an examiner's statement of reasons for allowance:
- 3. The present invention is related to an immunogenic composition comprising an E6 or/and F7 or E6, E7 fusion protein from an HPV strain linked with an immunological fusion partner of protein D or lipoprotein D or fragment thereof having T-helper epitope of Heamophilius Influenza B and adjuvanted with immune stimulatory CpG oligonucleotide CpG for treating human papilloma virus induced tumor or lesion (See specification: lines 23-29 on page 4). Applicants state that the invention is a surprising and an unexpected result of a synergistic effect from a fusion protein of E6 or E7 or E6/E7 fused with protein D or lipoprotein D of Heamophilius Influenza B having a T-helper epitope and the composition is formulated with Th1 adjuvant of a CpG oligonucleotide because the state of art as the application was filed does not disclose a composition comprising the fusion protein of E6 and/or E7 fused with T-helper epitope of protein D or lipoprotein D of Heamophilius Influenza B, which is formulated with Th1 adjuvant of a CpG nucleotide, nor it suggests that the immunogenicity of E6 and/or E7 needs for further improvement of the immunogenicity since the state of art teaches E6 and E7 are able to induce a high immune response without adjuvant (See Amendment C: line 17 of page 13 through line 12 of page 14)

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bao Qun Li whose telephone number is 703-305-1695. The examiner can normally be reached on 8:00 to 4:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Housel can be reached on 703-308-4027. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-4242 for regular communications and 703-308-4242 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0196.

Bao Qun Li

January 9, 2003

EXPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1600